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RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/449,532

DATE: 12/14/1999  
TIME: 04:38:33

INPUT SET: S34211.raw

This Raw Listing contains the General  
Information Section and up to the first 5 pages.

ENTERED

SEQUENCE LISTING

1  
2  
3 (1) General Information:  
4 (i) APPLICANT: Sylvie Luria  
5 (ii) TITLE OF INVENTION: EXPRESSION SYSTEMS AND METHODS FOR  
6 DETECTING AND ISOLATING POLYPEPTIDES  
7 REGULATING SIGNAL TRANSDUCTION  
8 PATHWAYS  
9 (iii) NUMBER OF SEQUENCES: 16  
10 (iv) CORRESPONDENCE ADDRESS:  
11 (A) ADDRESSEE: Mark M. Friedman c/o Anthony Castorina  
12 (B) STREET: 2001 Jefferson Davis Highway, Suite 207  
13 (C) CITY: Arlington  
14 (D) STATE: Virginia  
15 (E) COUNTRY: United States of America  
16 (F) ZIP: 22202  
17 (v) COMPUTER READABLE FORM:  
18 (A) MEDIUM TYPE: 1.44 megabyte, 3.5" microdisk  
19 (B) COMPUTER: Twinhead\* Slimnote-890TX  
20 (C) OPERATING SYSTEM: MS DOS version 6.2,  
21 Windows version 3.11  
22 (D) SOFTWARE: Word for Windows version 2.0 converted to  
23 an ASCII file  
24 (vi) CURRENT APPLICATION DATA:  
25 (A) APPLICATION NUMBER:  
26 (B) FILING DATE:  
27 (C) CLASSIFICATION:  
28 (vii) PRIOR APPLICATION DATA:  
29 (A) APPLICATION NUMBER:  
30 (B) FILING DATE:  
31 (viii) ATTORNEY/AGENT INFORMATION:  
32 (A) NAME: Friedmam, Mark M.  
33 (B) REGISTRATION NUMBER: 33,883  
34 (C) REFERENCE/DOCKET NUMBER: 916/13  
35 (ix) TELECOMMUNICATION INFORMATION:  
36 (A) TELEPHONE: 972-3-5625553  
37 (B) TELEFAX: 972-3-5625554  
38 (C) TELEX:  
39  
40 (2) INFORMATION FOR SEQ ID NO: 1:  
41 (i) SEQUENCE CHARACTERISTICS:  
42 (A) LENGTH: 29  
43 (B) TYPE: nucleic acid  
44 (C) STRANDEDNESS: single  
45 (D) TOPOLOGY: linear  
46 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

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47 CTGTGCCCTC ACTCCCCTGG ATCCCTGGG 29  
48  
49 (2) INFORMATION FOR SEQ ID NO:2:  
50 (i) SEQUENCE CHARACTERISTICS:  
51 (A) LENGTH:30  
52 (B) TYPE:nucleic acid  
53 (C) STRANDEDNESS:double  
54 (D) TOPOLOGY:linear  
55 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:  
56 GGTTTCGGAG GGCCCCACCG GGGCCGGCGC 30  
57  
58 (2) INFORMATION FOR SEQ ID NO:3:  
59 (i) SEQUENCE CHARACTERISTICS:  
60 (A) LENGTH:26  
61 (B) TYPE:nucleic acid  
62 (C) STRANDEDNESS:single  
63 (D) TOPOLOGY:linear  
64 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:  
65 GGGCTGAAGC CCTGGACTCA GTACGC 26  
66  
67 (2) INFORMATION FOR SEQ ID NO:4:  
68 (i) SEQUENCE CHARACTERISTICS:  
69 (A) LENGTH:27  
70 (B) TYPE:nucleic acid  
71 (C) STRANDEDNESS:single  
72 (D) TOPOLOGY:linear  
73 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:  
74 GATCCACTGA GGTACAGGAG GCTTGTG 27  
75  
76 (2) INFORMATION FOR SEQ ID NO:5:  
77 (i) SEQUENCE CHARACTERISTICS:  
78 (A) LENGTH:28  
79 (B) TYPE:nucleic acid  
80 (C) STRANDEDNESS:single  
81 (D) TOPOLOGY:linear  
82 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:  
83 CTCTGCTAAG CTTTGGTGGT GCGGGTGG 28  
84  
85 (2) INFORMATION FOR SEQ ID NO:6:  
86 (i) SEQUENCE CHARACTERISTICS:  
87 (A) LENGTH:27  
88 (B) TYPE:nucleic acid  
89 (C) STRANDEDNESS:single  
90 (D) TOPOLOGY:linear  
91 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:  
92 GGATGCATCG TACCATCTAC TGATGAG 27  
93  
94 (2) INFORMATION FOR SEQ ID NO:7:  
95 (i) SEQUENCE CHARACTERISTICS:  
96 (A) LENGTH:28  
97 (B) TYPE:nucleic acid  
98 (C) STRANDEDNESS:single  
99 (D) TOPOLOGY:linear

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100 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:  
101 GTCTCGGGGT GGCAATGGCC ACCGCTGC 28  
102  
103 (2) INFORMATION FOR SEQ ID NO:8:  
104 (i) SEQUENCE CHARACTERISTICS:  
105 (A) LENGTH:26  
106 (B) TYPE:nucleic acid  
107 (C) STRANDEDNESS:single  
108 (D) TOPOLOGY:linear  
109 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:  
110 GAGCGGGTGG GCACGAAGGC GGAGTG 26  
111  
112 (2) INFORMATION FOR SEQ ID NO:9:  
113 (i) SEQUENCE CHARACTERISTICS:  
114 (A) LENGTH:27  
115 (B) TYPE:nucleic acid  
116 (C) STRANDEDNESS:single  
117 (D) TOPOLOGY:linear  
118 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:  
119 GACACGGTGG TGGGCACATC AGCTCAC 27  
120  
121 (2) INFORMATION FOR SEQ ID NO:10:  
122 (i) SEQUENCE CHARACTERISTICS:  
123 (A) LENGTH:30  
124 (B) TYPE:nucleic acid  
125 (C) STRANDEDNESS:single  
126 (D) TOPOLOGY:linear  
127 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:  
128 GCAGCAGCCC TTGCTGCACC CTCAGAGCC 30  
129  
130 (2) INFORMATION FOR SEQ ID NO:11:  
131 (i) SEQUENCE CHARACTERISTICS:  
132 (A) LENGTH:30  
133 (B) TYPE:nucleic acid  
134 (C) STRANDEDNESS:single  
135 (D) TOPOLOGY:linear  
136 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:11:  
137 CTCTGGGAGC TGGCTGGAGC TGGGATGGAC 30  
138  
139 (2) INFORMATION FOR SEQ ID NO:12:  
140 (i) SEQUENCE CHARACTERISTICS:  
141 (A) LENGTH:27  
142 (B) TYPE:nucleic acid  
143 (C) STRANDEDNESS:single  
144 (D) TOPOLOGY:linear  
145 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:12:  
146 GGTGGAGCTG CTCTACCGC TGCCAG 27  
147  
148 (2) INFORMATION FOR SEQ ID NO:13:  
149 (i) SEQUENCE CHARACTERISTICS:  
150 (A) LENGTH:25  
151 (B) TYPE:nucleic acid  
152 (C) STRANDEDNESS:single

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153 (D) TOPOLOGY:linear  
154 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:13:  
155 CGGTAGGCGT GTACGGTGGG AGGTC 25  
156  
157 (2) INFORMATION FOR SEQ ID NO:14:  
158 (i) SEQUENCE CHARACTERISTICS:  
159 (A) LENGTH:28  
160 (B) TYPE:nucleic acid  
161 (C) STRANDEDNESS:single  
162 (D) TOPOLOGY:linear  
163 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:14:  
164 CTCTCCACTG ACAGAGAACT TGTGGCCG 28  
165  
166 (2) INFORMATION FOR SEQ ID NO:15:  
167 (i) SEQUENCE CHARACTERISTICS:  
168 (A) LENGTH:26  
169 (B) TYPE:nucleic acid  
170 (C) STRANDEDNESS:single  
171 (D) TOPOLOGY:linear  
172 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:15:  
173 CAGCTGCTGG GATTACACAT GGCATG 26  
174  
175 (2) INFORMATION FOR SEQ ID NO:16:  
176 (i) SEQUENCE CHARACTERISTICS:  
177 (A) LENGTH:26  
178 (B) TYPE:nucleic acid  
179 (C) STRANDEDNESS:single  
180 (D) TOPOLOGY:linear  
181 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:16:  
182 GTCGAGGCTG ATCAGCGAGC TCTAGC 26  
183

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**SEQUENCE VERIFICATION REPORT**  
**PATENT APPLICATION US/09/449,532**

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Original Text